

Appendix

D

Solid Waste Facilities in Fairfax County

All Solid Waste Facilities in Virginia's DEQ Northern Regional Office

Note: addresses and phone numbers may not be correct

Facility Name (Permit Number): BFI Telegraph Road Landfill (534)

Type: Gas Management Facility	Status: Active	Mail	BFI Waste Systems of North America
County/City: Fairfax	Year Permitted: 1989	Address:	101 Norris Lane
			Baltimore, MD 21222
Telephone: 716 282-2676			

Facility Name (Permit Number): Classified Waste Disposal System at CIA (PBR173)

Type: Incineration/Energy Recovery Facility	Status: Active	Mail	Central Intelligence Agency
County/City: Fairfax	Year Permitted: 2000	Address:	Office of Facility Management
			5X62 NHB
Telephone:			Washington, DC 20505

Facility Name (Permit Number): Covanta Fairfax (510)

Type: Incineration/Energy Recovery Facility	Status: Active	Mail	Covanta Fairfax, Inc.
County/City: Fairfax	Year Permitted: 1987	Address:	9898 Furnace Rd.
			Lorton, VA 22079
Telephone: 703 370-7722			

Facility Name (Permit Number): Hilltop Sand & Gravel Co. Inc. Debris Landfill (326)

Type: C/D/D Landfill	Year Permitted: 1980	Mail	Hilltop Debris Landfill
		Address:	7950 Telegraph Rd.
County/City: Fairfax	Telephone: 703 971-1300		P.O. Box 10316
			Alexandria, VA 22315

Facility Name (Permit Number): I-66 Transfer Station (387)

Type: Transfer Station	Year Permitted: 1982	Mail	Fairfax County
		Address:	12000 Government Center Pkwy.,
County/City: Fairfax	Telephone: 703 324-5230		Suite 463
			Fairfax, VA 22035-0059

Facility Name (Permit Number): I-95 Sanitary Landfill (103)

Type: Sanitary Landfill	Year Permitted: 1973	Mail	Fairfax County
		Address:	12000 Government Center Pkwy.,
County/City: Fairfax	Telephone: 703 690-7264		Suite 463
			Fairfax, VA 22035-0059

Facility Name (Permit Number): INOVA (PBR170)

Type: RMW Alternate Treatment	Year Permitted: 2000	Mail	INOVA Fairfax Hospital
		Address:	3300 Gallows Rd.
County/City: Fairfax	Telephone:		Falls Church, VA 22042-3300

Facility Name (Permit Number): Lorton CDD Landfill - Furnace Road (331)

Type: C/D/D Landfill	Year Permitted: 1981	Mail	Furnace Assoc.
		Address:	9685 D Main St.
County/City: Fairfax	Telephone: 703 690-1525		Fairfax, VA 22031

Facility Name (Permit Number): Metalpro, Inc. Material Recovery Facility (PBR152)

Type: Materials Recovery Facility	Year Permitted: 1998	Mail	Metalpro, Inc.
		Address:	7956 Twist Lane
County/City: Springfield	Telephone:		Springfield, VA 22153

Facility Name (Permit Number): Rainwater Concrete Co. Landfill (327)

Type: C/D/D Landfill	Year Permitted: 1980	Mail	Rainwater Concrete Co., Inc.
		Address:	9917 Richmond Hwy.
County/City: Fairfax	Telephone: 703 339-6310		P.O. Box 200
			Lorton, VA 22079

Facility Name (Permit Number): Upper Occoquan Sewer Authority Landfill (542)

Type: Captive Industrial Landfill	Year Permitted: 1992	Mail	Upper Occoquan Sewer Authority
		Address:	14631 Compton Rd.
County/City: Fairfax	Telephone: 703 830-2200		Centerville, VA 22020

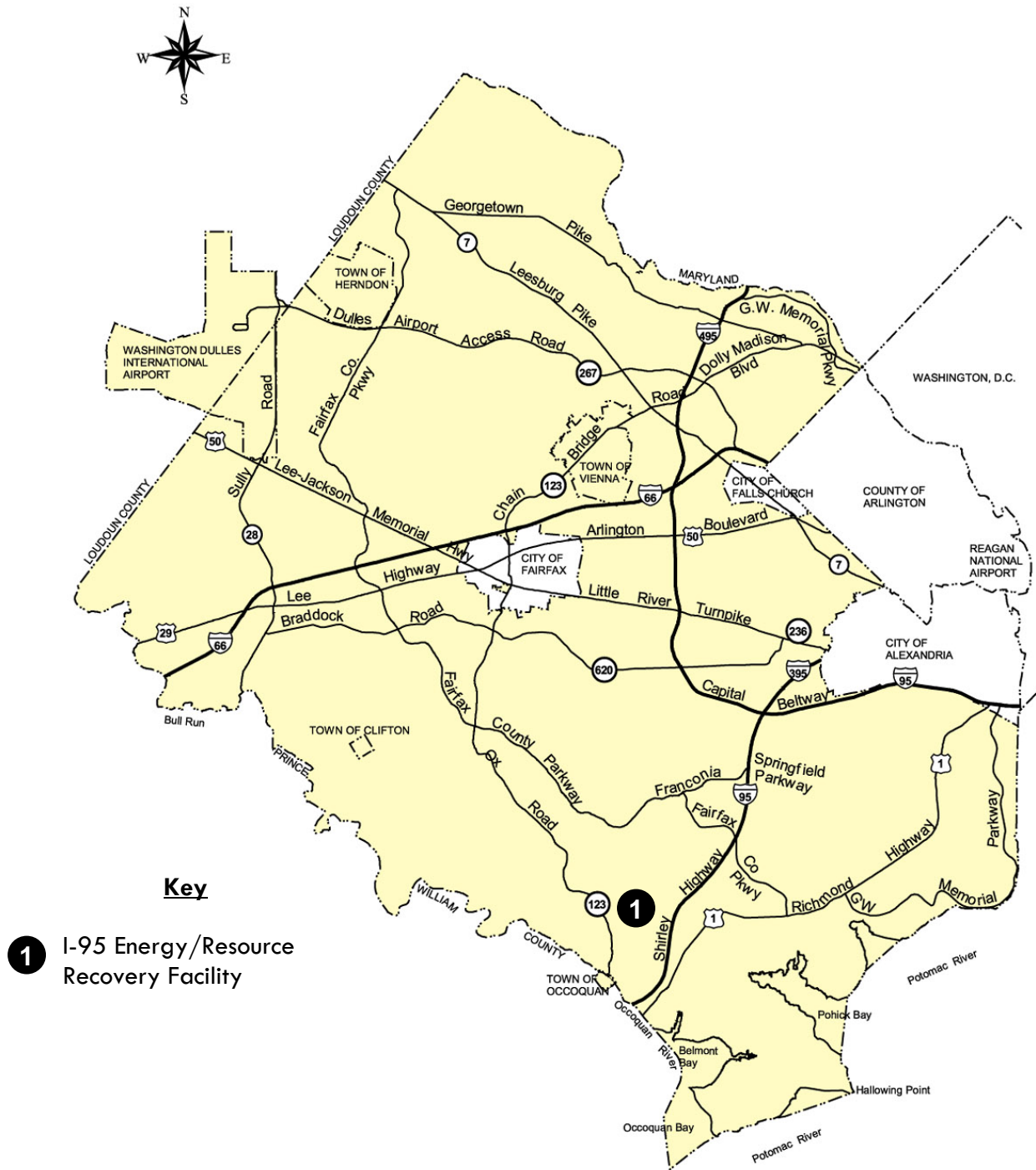
Facility Name (Permit Number): USA Waste of Virginia - Fairfax MRF (PBR111)

Type: Materials Recovery Facility	Year Permitted: 1996	Mail	USA Waste of Virginia
		Address:	1505 Moran Rd.
County/City: Fairfax	Telephone: 703 929-0149		Sterling, VA 20166

Facility Name (Permit Number): Vanguard Research, Inc. Plasma Energy Pyrolysis System (PBR134)

Type: RMW Alternate Treatment	Year Permitted: 1998	Mail	Vanguard Research, Inc.
		Address:	8384 Terminal Rd.
County/City: Fairfax	Telephone: 703 339-6222		Lorton, VA 22079

Energy/Resource Recovery Facility Location



Courtesy of Fairfax County GIS and Mapping Services 2002

Facility: I-95 Energy Resource Recovery Facility

Facility Type	Mass Burn, Waste-to-Energy Facility
Owner	Covanta Fairfax, Inc. Covanta Energy 9898 Furnace Road Lorton, VA 22079 (703) 690-6860
Contact	Fairfax County Department of Public Works and Environmental Services Division of Solid Waste Disposal & Resource Recovery 12000 Government Center Parkway, Suite 448 Fairfax, Virginia 22035 (703) 324-5230
Location	Mt Vernon District; in Lorton, adjacent to Furnace Road near Interstate 95; in the County's I-95 Complex
Vicinity Map	Tax Map 107-3
State Permit Number	<ul style="list-style-type: none"> • Virginia Pollutant Discharge Elimination System Permit # VA0090638 Wastewater Discharge Permit # A51104 • Prevention of Significant Deterioration Permit # 71920 • Solid Waste Facility Permit # 510
Date Operational	1990
Date Closed	Still in operation
Site Size	Approximately 23 acres
Wastes Managed	Combustible solid waste from Fairfax County and small amounts from other local jurisdictions
Capacity	<u>Design:</u> 930,750 tons/year (based on 5500 Btu/lb) <u>Daily:</u> 3,000 tons/day <u>Total:</u> Between 1,000,000 and 1,095,000 tons annually
Electrical Generation	80 megawatts of power that is sold to Dominion Virginia Power
Environmental Protection Features	<ul style="list-style-type: none"> • Reduces waste 75% by weight and 90% by volume requiring less space to landfill the ash • Recovers ferrous and non-ferrous metals from processed ash • Has state-of-the-art air pollution control equipment (APC) that is constantly monitored by a Continuous Emissions Monitoring System (CEMS) • APC equipment for each boiler unit consists of a semi-dry acid gas scrubber, carbon injection system, aqueous ammonia injection system, and fabric filter baghouse • Dolomitic lime system added in 2004 to further condition the ash before it is landfilled so that metals and other materials cannot leach out of the ash • Considered a renewable fuel source in Virginia for the production of energy • Produces less harmful emissions than comparable coal fired power plants in the area that produce electricity